

## CRYO ACTUATOR DRIVER MODULE 2 (CADM2)



### Features

- Quadratic set point profile to reduce vibrations
- Temperature dependent setpoint compensation
- Analog input available (for external DAQ system)
- Short circuit and overcurrent protection
- Thermal overload protection
- Status LEDs on front panel
- Fits in Cryo Actuator Base Cabinet (CAB)

### Description / Applications

The Cryo Actuator Driver Module 2 (CADM2) can drive one Cryo Linear Actuator (CLA) by generating a high voltage setpoint profile. This setpoint profile can be adjusted in direction, step size and frequency as well as be compensated for the operating temperature of the actuators. The module needs to be installed in the Cryo Actuator Base Cabinet (CAB). Operating the module can be done in 4 separate ways: via Basedrive, Servodrive or Flexdrive control, or by using the Manual Control Module (MCM).

### Specifications

specs	unit	CADM2
Output channels	-	1
Compatible with	-	CLA
Power supply via	-	CAB-115 or CAB-230
Output voltage (per channel)	V	-20 ... +130
	-	Floating output*
Frequency range	Hz	1 ... 600
Step size range	%	0...100 of max output
Output connector	-	LEMO EPG.1B.303.HLN
External (analog) Input range	V	-10 ... +10V
	-	Output frequency and direction as function of input voltage
External (analog) Input connector	-	BNC
Control (via PC)	-	Basedrive, Servodrive or Flexdrive
Control (stand-alone)	-	Manual Control Module (MCM)
Mass	grams	850
Dimensions	-	3U / 14HP
*Reference must not be connected to common ground (!)		

### Mechanical and electrical information

Download 3D-Step files, interface drawings and user manuals from: [www.jpe.nl/cryo-nano-positioning/](http://www.jpe.nl/cryo-nano-positioning/)

### Contact

For quotations, orders, customization or specials, please contact us at: [www.jpe.nl/contact](http://www.jpe.nl/contact)

